

Molecular and Biochemical Parasitology 79 (1996) 261-262

MOLECULAR AND BIOCHEMICAL PARASITOLOGY

1

91

119

125

## Volume Contents

Volume 79 (1996)

## Mini review

Current status of the Plasmodium falciparum genome project

J.B. Dame, D.E. Arnot, P.F. Bourke, D. Chakrabarti, Z. Christodoulou, R.L. Coppel, A.F. Cowman, A.G. Craig, K. Fischer, J. Foster, N. Goodman, K. Hinterberg, A.A. Holder, D.C. Holt, D.J. Kemp, M. Lanzer, A. Lim, C.I. Newbold, J.V. Ravetch, G.R. Reddy, J. Rubio, S.M. Schuster, X.-Z. Su, J.K. Thompson, F. Vital, T.E. Wellems, E.B. Werner (USA, UK, Australia, Germany)

## Regular papers

C. Syin, N.D. Goldman (USA)

C. Syin, N.D. Goldman (USA)

13
Isolation and expression of an open reading frame encoding sialidase from *Trypanosoma rangeli* 

L.E. Smith, H. Uemura, D. Eichinger (USA, Japan)

21 Is point mutagenesis a mechanism for antigenic variation in *Trypanosoma brucei*?

V.S. Graham, J.D. Barry (UK)

Purification and characterization of cytochrome c oxidase from the insect trypanosomatid Crithidia fasciculata

D. Speijer, A.O. Muijsers, H. Dekker, A. de Haan, C.K.D. Breek, S.P.J. Albracht, R. Benne (The Netherlands)

47

D. Speijer, A.O. Muijsers, H. Dekker, A. de Haan, C.K.D. Breek, S.P.J. Albracht, R. Benne (The Netherlands)

Molecular and functional properties of cytochrome c from adult Ascaris suum muscle

S. Takamiya, Y. Yu, M.E. Cavaleante, K. Murayama, H. Taka, S. Tateno, T. Takeuchi, T. Aoki (Japan, Brazil)

61

Kinetic analysis of plasmepsins I and II, aspartic proteases of the *Plasmodium falciparum* digestive vacuole
K.E. Luker, S.E. Francis, I.Y. Gluzman, D.E. Goldberg (USA)
71

Molecular cloning of a *Schistosoma mansoni* protein expressed in the gynecophoral canal of male worms
J.R. Bostic, M. Strand (USA)
79

## Short communications

A Plasmodium falciparum homologue of a rab specific GDP dissociation inhibitor

G. Attal, G. Langsley (France)
Phylogenetic relationships between *Leishmania, Viannia* and *Sauroleishmania* inferred from comparison of a

variable domain within the RNA polymerase II largest subunit gene
D. Croan, J. Ellis (Australia) 97

Immunolocalization and sequence of caltractin/centrin from the early branching eukaryote Giardia lamblia
T.C. Meng, S.B. Aley, S.G. Svard, M.W. Smith, B. Huang, J. Kim, F.D. Gillin (USA)

103

Stage specific gene expression in the post-infective L3 of the filarial nematode, *Brugia pahangi*S.A.M. Martin, S.J. Hunter, F.J. Thompson, E. Devaney (UK)

109

The esag 8 gene of *Trypanosoma brucei* encodes a nuclear protein

S. Lips, M. Geuskens, F. Paturiaux-Hanocq, J. Hanocq-Quertier, E. Pays (Belgium)

113

Genomic organization and expression of elongation factor-1 $\alpha$  genes in *Trypanosoma brucei* 

E.L. Ridgley, Z.-h. Xiong, K.J. Kaur, L. Ruben (USA)

Mechanisms of activation of the cdc2-related kinase PfPK5 from Plasmodium falciparum

R. Graeser, R.M. Franklin, B. Kappes (Switzerland)

A mutant dihydrofolate reductase-thymidylate synthase from Leishmania major as a selectable marker in transfection experiments	
R. Arrebola, A. Olmo, A. Camacho, L.M. Ruiz-Pérez, D. González-Pacanowska (Spain)	129
Erratum	135
Announcement	141
Regular papers	
Developmentally regulated expression of ceramide in <i>Trypanosoma cruzi</i> L.E. Bertello, N.W. Andrews, R.M. de Lederkremer (Argentina, USA) Potential antifolate resistance determinants and genotypic variation in the bifunctional dihydrofolate reductase-	143
thymidylate synthase gene from human and bovine isolates of <i>Cryptosporidium parvum</i> J.R. Vásquez, L. Goozé, K. Kim, J. Gut, C. Petersen, R.G. Nelson (USA)	153
Single-strand conformational polymorphism analysis differentiates <i>Plasmodium falciparum</i> treatment failures from re-infections	
K.C. Kain, A.A. Craig, C. Ohrt (Canada, Thailand)	167
Stage specific expression of proliferating cell nuclear antigen and DNA polymerase $\delta$ from Plasmodium falciparum	
P. Horrocks, M. Jackson, S. Cheesman, J.H. White, B.J. Kilbey (UK)  Characterisation and purification of pyruvate:ferredoxin oxidoreductase from Giardia duodenalis	177
S.M. Townson, J.A. Upcroft, P. Upcroft (Australia)	183
Molecular cloning and characterization of a novel acidic microneme protein (Etmic-2) from the apicomplexan protozoan parasite, Eimeria tenella	-
F.M. Tomley, J.M. Burnstead, K.J. Billington, P.P.J. Dunn (UK)	195
Structure and polymorphism of the upstream region of the pfg27/25 gene, transcriptionally regulated in gametocytogenesis of Plasmodium falciparum	
P. Alano, F. Silvestrini, L. Roca (Italy)	207
Short communications	
Ceramide 1-phosphate is released from a glycoinositolphosphoceramide of <i>Trypanosoma cruzi</i> by rat blood plasma	
R.M. de Lederkremer, C. Lima, M. del C. Vila (Argentina)	219
Purification and partial structural and kinetic characterization of an alanine aminotransferase from epimastigotes of Trypanosoma cruzi	
C. Zelada, M. Montemartini, J.J. Cazzulo, C. Nowicki (Argentina)	225
Analysis of the 3' uridylylation sites of guide RNAs from Leishmania tarentolae	000
O.H. Thiemann, L. Simpson (USA)  A Cyclosporin A-sensitive small molecular weight cyclophilin of filarial parasites	229
D. Ma, X. Hong, N. Raghavan, A.L. Scott, J.S. McCarthy, T.B. Nutman, S.A. Williams, C.K.S. Carlow (USA) Identification of novel sequences and codon usage in <i>Strongyloides stercoralis</i>	235
T.A. Moore, S. Ramachandran, A.A. Gam, F.A. Neva, W. Lu, L. Saunders, S.A. Williams, T.B. Nutman (USA) Sequences of β-tubulin cDNA from benzimidazole-susceptible and -resistant strains of <i>Teladorsagia circum-cincta</i> , a nematode parasite of small ruminants	243
L. Elard, A.M. Comes, J.F. Humbert (France)	249
Purification and characterization of a microsporidian polar tube protein	
E.M. Keohane, G.A. Orr, P.M. Takvorian, A. Cali, H.B. Tanowitz, M. Wittner, L.M. Weiss (USA)	255
Contents of Volume 79	26

Instructions to authors

